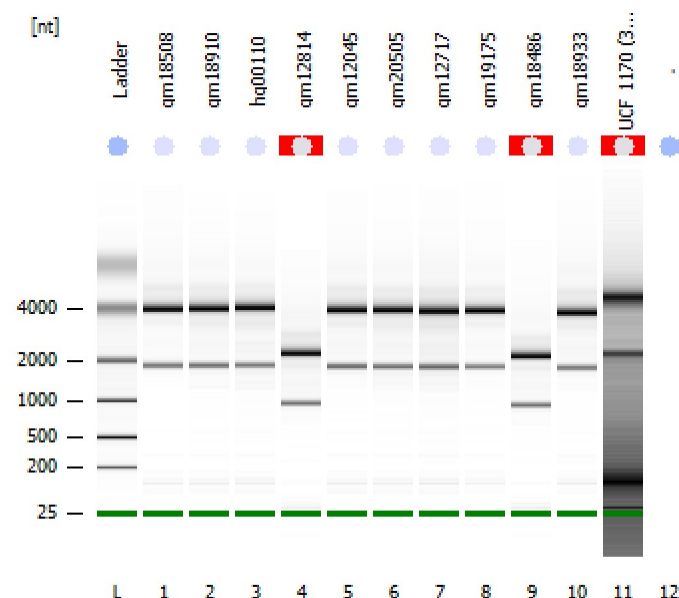


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-24\_16-37-43.xad

Created: 10/24/2011 4:37:43 PM  
Modified: 10/24/2011 5:00:26 PM

**Electrophoresis File Run Summary**Instrument Information:

Instrument Name: DE04105537  
Serial#: DE04105537

Firmware: C.01.069  
Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

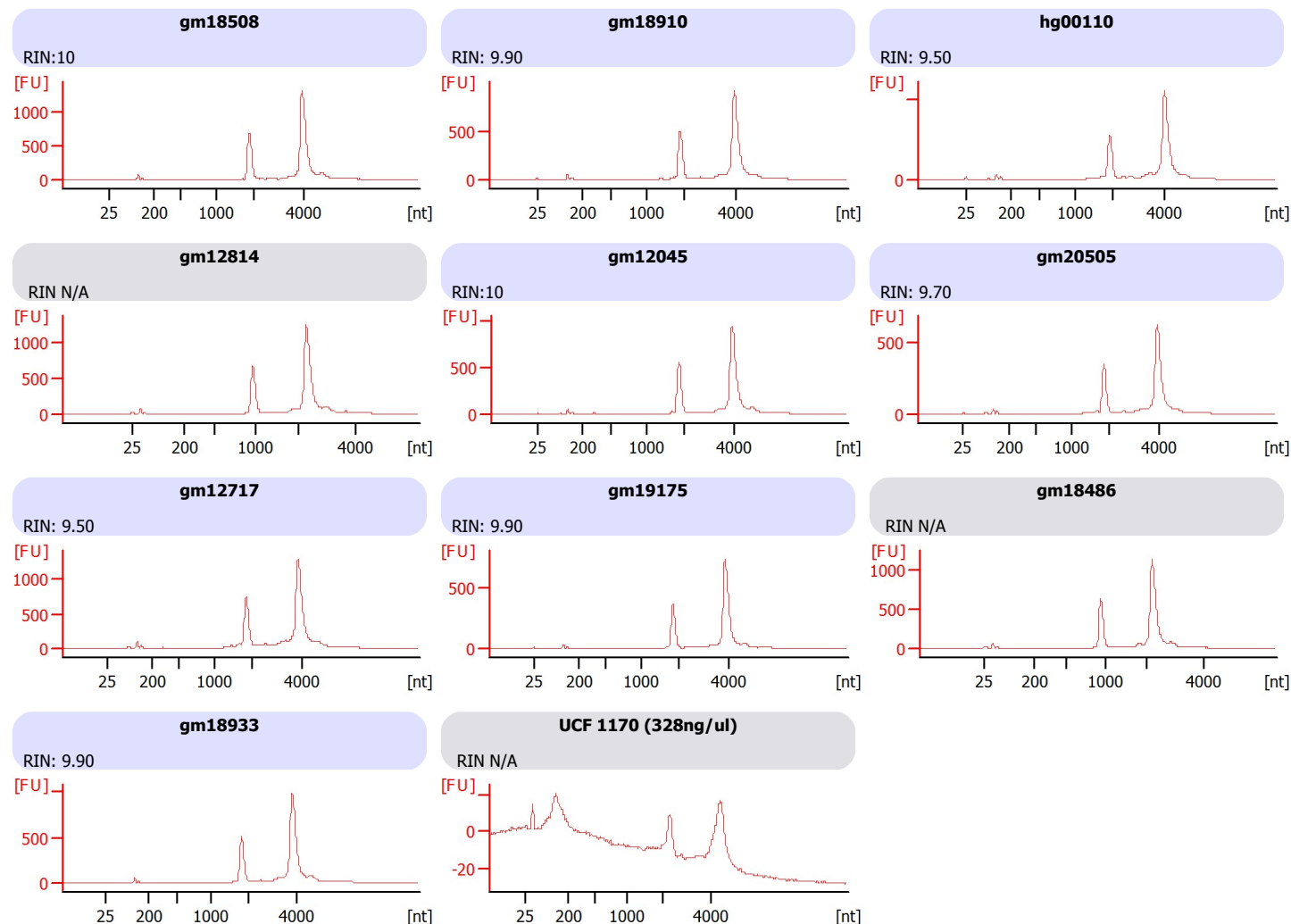
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-24\_16-37-43.xad

Created: 10/24/2011 4:37:43 PM  
Modified: 10/24/2011 5:00:26 PM

**Electrophoresis File Run Summary (Chip Summary)**

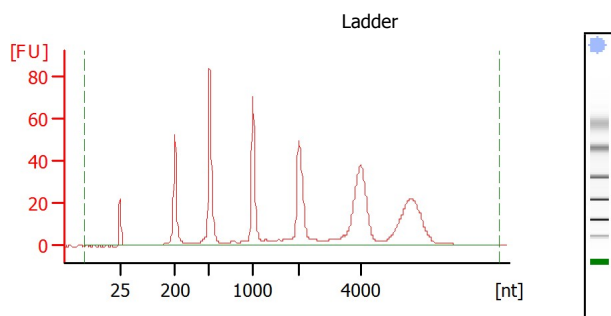
Sample Name	Sample Comment	Stat	Result Label	Result Color
		us		
gm18508		✓	RIN:10	
gm18910		✓	RIN: 9.90	
hg00110		✓	RIN: 9.50	
gm12814		✓	RIN N/A	
gm12045		✓	RIN:10	
gm20505		✓	RIN: 9.70	
gm12717		✓	RIN: 9.50	
gm19175		✓	RIN: 9.90	
gm18486		✓	RIN N/A	
gm18933		✓	RIN: 9.90	
UCF 1170 (328ng/ul)		✓	RIN N/A	
-				
Ladder		✓	All Other Samples	

**Chip Lot #****Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-24\_16-37-43.xad

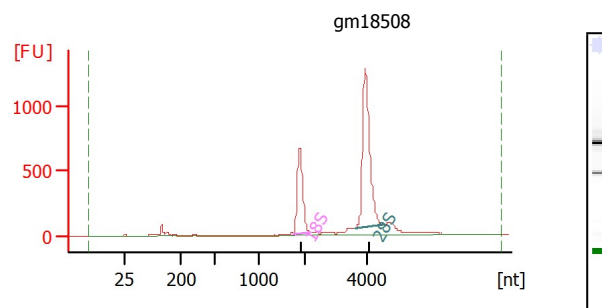
Created: 10/24/2011 4:37:43 PM  
Modified: 10/24/2011 5:00:26 PM

### Electropherogram Summary



#### Overall Results for Ladder

RNA Area: 708.0  
RNA Concentration: 150 ng/μl  
Result Flagging Color:    
Result Flagging Label: All Other Samples

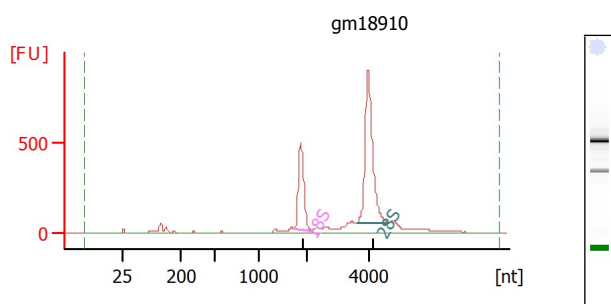


#### Overall Results for sample 1 : gm18508

RNA Area: 5,086.6  
RNA Concentration: 1,078 ng/μl  
rRNA Ratio [28s / 18s]: 2.1  
RNA Integrity Number (RIN): 10 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN:10

#### Fragment table for sample 1 : gm18508

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,751	2,219	1,118.6	22.0
28S	3,613	4,551	2,300.3	45.2

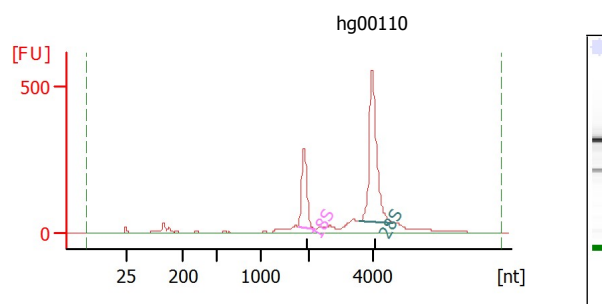


#### Overall Results for sample 2 : gm18910

RNA Area: 3,961.1  
RNA Concentration: 839 ng/μl  
rRNA Ratio [28s / 18s]: 2.1  
RNA Integrity Number (RIN): 9.9 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 9.90

#### Fragment table for sample 2 : gm18910

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,758	2,197	781.9	19.7
28S	3,589	4,611	1,613.7	40.7



#### Overall Results for sample 3 : hg00110

RNA Area: 2,545.2  
RNA Concentration: 539 ng/μl  
rRNA Ratio [28s / 18s]: 2.4  
RNA Integrity Number (RIN): 9.5 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 9.50

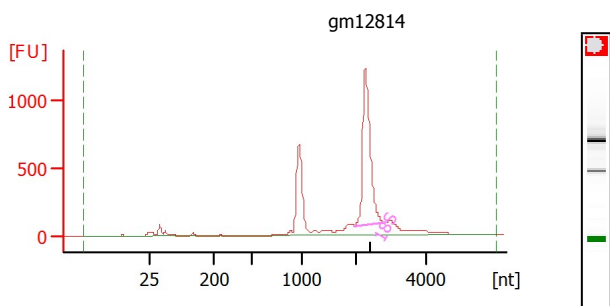
#### Fragment table for sample 3 : hg00110

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,768	2,171	425.3	16.7
28S	3,588	4,633	1,008.2	39.6

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-24\_16-37-43.xad

Created: 10/24/2011 4:37:43 PM  
 Modified: 10/24/2011 5:00:26 PM

### Electropherogram Summary Continued ...

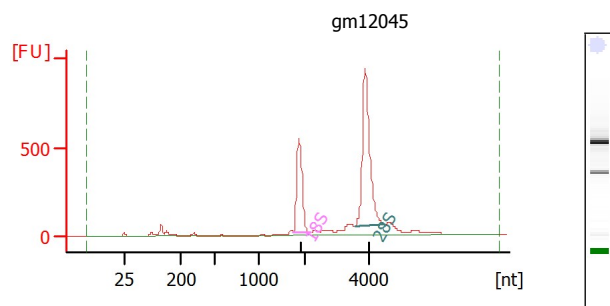


#### Overall Results for sample 4 : gm12814

RNA Area: 5,494.8  
 RNA Concentration: 1,164 ng/μl  
 rRNA Ratio [28s / 18s]: 0.0  
 RNA Integrity Number (RIN): N/A (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN N/A

#### Fragment table for sample 4 : gm12814

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,986	2,833	2,265.6	41.2

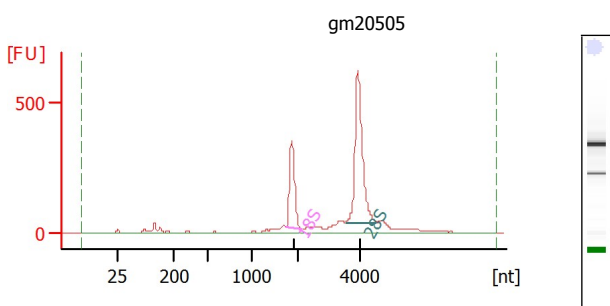


#### Overall Results for sample 5 : gm12045

RNA Area: 4,126.0  
 RNA Concentration: 874 ng/μl  
 rRNA Ratio [28s / 18s]: 2.0  
 RNA Integrity Number (RIN): 10 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN:10

#### Fragment table for sample 5 : gm12045

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,737	2,169	876.0	21.2
28S	3,567	4,539	1,715.4	41.6

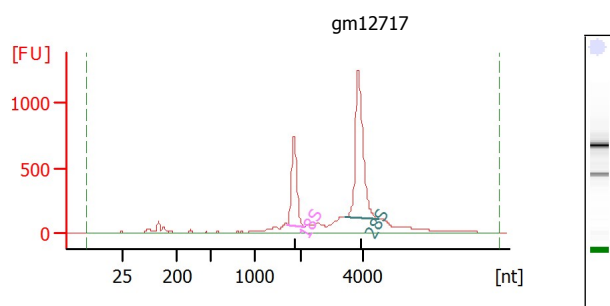


#### Overall Results for sample 6 : gm20505

RNA Area: 2,890.5  
 RNA Concentration: 612 ng/μl  
 rRNA Ratio [28s / 18s]: 2.1  
 RNA Integrity Number (RIN): 9.7 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 9.70

#### Fragment table for sample 6 : gm20505

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,731	2,138	524.7	18.2
28S	3,507	4,515	1,112.6	38.5



#### Overall Results for sample 7 : gm12717

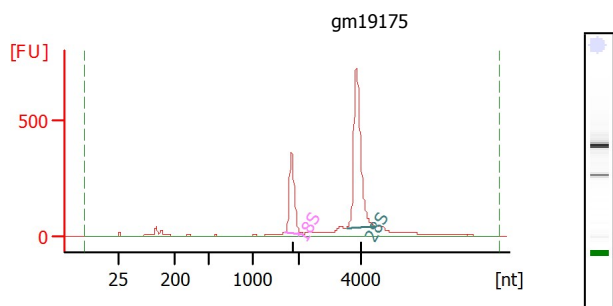
RNA Area: 6,788.7  
 RNA Concentration: 1,438 ng/μl  
 rRNA Ratio [28s / 18s]: 2.0  
 RNA Integrity Number (RIN): 9.5 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 9.50

#### Fragment table for sample 7 : gm12717

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,719	2,122	1,143.8	16.8
28S	3,444	4,509	2,304.0	33.9

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-24\_16-37-43.xad

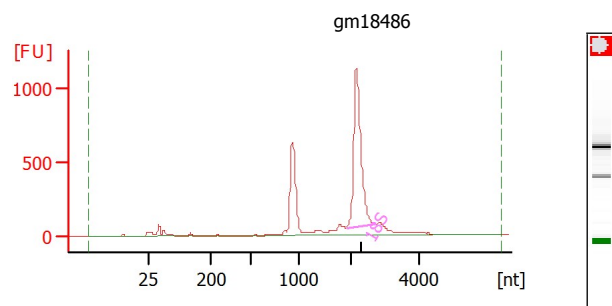
Created: 10/24/2011 4:37:43 PM  
Modified: 10/24/2011 5:00:26 PM

**Electropherogram Summary Continued ...****Overall Results for sample 8 : gm19175**

RNA Area: 2,795.0  
RNA Concentration: 592 ng/μl  
rRNA Ratio [28s / 18s]: 2.3  
RNA Integrity Number (RIN): 9.9 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 9.90

**Fragment table for sample 8 : gm19175**

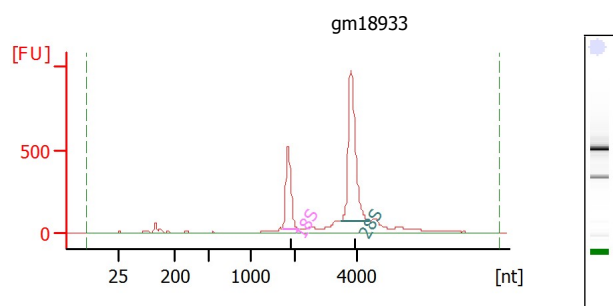
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,734	2,174	550.0	19.7
28S	3,555	4,490	1,263.5	45.2

**Overall Results for sample 9 : gm18486**

RNA Area: 4,839.2  
RNA Concentration: 1,025 ng/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): N/A (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN N/A

**Fragment table for sample 9 : gm18486**

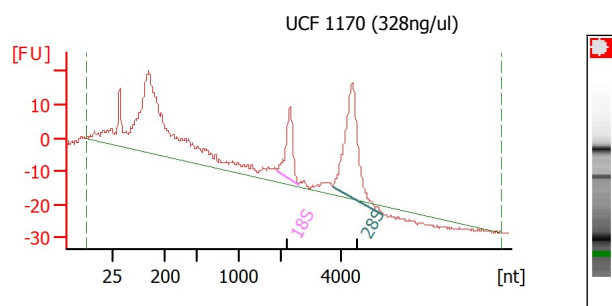
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,919	2,730	2,066.4	42.7

**Overall Results for sample 10 : gm18933**

RNA Area: 4,442.7  
RNA Concentration: 941 ng/μl  
rRNA Ratio [28s / 18s]: 2.2  
RNA Integrity Number (RIN): 9.9 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 9.90

**Fragment table for sample 10 : gm18933**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,701	2,088	797.9	18.0
28S	3,454	4,410	1,759.5	39.6

**Overall Results for sample 11 : UCF 1170 (328ng/ul)**

RNA Area: 637.2  
RNA Concentration: 135 ng/μl  
rRNA Ratio [28s / 18s]: 2.6  
RNA Integrity Number (RIN): N/A (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN N/A

**Fragment table for sample 11 : UCF 1170 (328ng/ul)**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,900	2,563	46.7	7.3
28S	3,731	5,439	122.7	19.3

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-24\_16-37-43.xad

Created: 10/24/2011 4:37:43 PM  
Modified: 10/24/2011 5:00:26 PM

**Invalid Samples**

Sample 12 has not been run, no results available.